,		SIFICATION Release 2003/08/11 : C CENTRAL INTELLIGE	A-RDP82-00457	R003100340010-3	
		NFORMATION		25V1 14	
COUNTRY	Germany (Russian	a Zone)		DATE DISTR. 1 SEP 49	
SUBJECT	Production of Bl Leipzig	Lower Machines at Ja	ger & Co.,	NO. OF PAGES 2	
PLACE ACQUIRE	25X1] .		NO. OF ENCLS.	
DATE OF INFO. 25X1			25X1	SUPPLEMENT TO REPORT NO.	
U. S. C., 31 AN OF ITS CONTER	IT CONTAINS INFORMATION AFFECTING D STATES WITHIN THE MEANING OF T D 32, AS AMENDED, ITS TRANSMISSI ITS IN ANY MANNER TO AN UNAUTHO W. REPRODUCTION OF THIS FORM IS	HE ESPIONAGE ACT 50 ON OR THE REVELATION RIZED PERSON IS PRO-	THIS IS UN	EVALUATED INFORMATION	
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<u></u>					
1.	The manufacture of blower installations for the production of penicillin at Jager & Co., Leipzig will be accelerated at the expense of all other types of production like, for example, that of grain elevators. The Russians have ordered almost complete stoppage in the production of grain elevators.				
2. 25X1 25X1	The construction of specially large blower machines, which are called "disintegrators", will be especially favored two machines were ordered, but up to this time they are only sixty percent complete since several very important parts, such as the ball bearing for the shaft, are lacking a total of twenty-five machines is scheduled to be delivered, but with present results this will not be possible because it takes six weeks to assemble a machine.				
3.	3. The machines are built for the purfficetion of gases and possess the following characteristics:				
	25X1	Dimensions			
 	25/1	Greatest width	8 m		
1		Greatest height	4.5 m	This document is hereby regraded to CONFIDENTIAL in accordance with the letter of 16 October 1973 from the	
26.5	C3	Weight of shaft w	ith 4,500 Kg		
The		Diameter of bearing	ng 160 mm	Next Review Date: 2003	
	111111111111	Operati an al Data			
]	Amount of gas hand	lled 6	0,000-80,000 cu.m. per hour	
		Type of gas proces		amp half-water gas, containing ulphurous water	
		Suction temperatur	re 7	5° C	
Link con !	Control of National Control of Co	Suction pressure	0	.95 atm	
	CLASSIFICATION			CONFIDENTIAL	

25X1

STATE ARMY

Approved For Release 2003/08/11 : CIA-RDP82300457R903100340010-3

25X1

CENTRAL INTELLIGENCE AGENCY

- 2 -

Temperature increase in

blower

25° C

Specific weight of gas

ecilic welght o at intake 0.63-0.74

Suction pipe sockets

900 mm in diameter

Exhaust pressure

1.26-1.32 atm

Number of revolutions of

blower

720 per minute

Voltage of motor

6,000 V

Driving output

450 Kw

c. Variations in Operation

Suction pressure

0.95 atm

Suction temperature

- 30° C

Exhaust temperature

≠ 30° C

- 4. Several machines of the same type were built with an intake having an NW 700 and a diameter of 500 mm, and amintake quantity of 20,000 32,000 cu.m. per hour; the machines are intended for water gas, coke oven gas, or air. The intake temperature lies between 30° and 0°°C, the exhaust temperature between 50° and 75°C. These machines are supposedly to wash the gas as it is sucked in. The casing contains guide metal sheets which are perforated and which lie directly before the runners. The machines need to be cleaned every two months.
- 5. A great scarcity of material prevails for the reason that the required cast steel parts which are being delivered can be used only to a limited extent because they show defects.
- 6. Monthly production comprises the following:
 - a. Reparations: 6 T G 4 N A/2 Grain elevators

3 T**K**K K 1

Turbine capsule blowers

10 K P 300 S A Penicillin blowers

b. Code Name: Dessin

b. Other: 9 T P 6 N A/2

Turbine pumps

6 K G

Capsule blowers

50 Water pumps driven by compressed air